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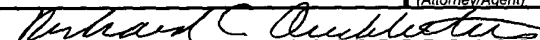
UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 2px;">Attorney Docket No.</td><td style="padding: 2px;">10830.0100.NPUS00</td></tr><tr><td style="padding: 2px;">First Inventor</td><td style="padding: 2px;">Sachin Mullick</td></tr><tr><td style="padding: 2px;">Title</td><td style="padding: 2px;">Multi-Threaded Write Interface and <i>Methods for Increasing the Single File</i></td></tr><tr><td style="padding: 2px;">Express Mail Label No.</td><td style="padding: 2px;">EV 318618485 US</td></tr></table>	Attorney Docket No.	10830.0100.NPUS00	First Inventor	Sachin Mullick	Title	Multi-Threaded Write Interface and <i>Methods for Increasing the Single File</i>	Express Mail Label No.	EV 318618485 US		
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Express Mail Label No.	EV 318618485 US											
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450										
<table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;"><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></div><div>2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></div><div>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>83</u>] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div><div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>26</u>]</div><div>5. Oath or Declaration [Total Sheets <u>3</u>]<div>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></div><div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div><div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div></td><td style="width: 50%; vertical-align: top;"><div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div><div>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><div>a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div>b. Specification Sequence Listing on:<div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div>ii. <input type="checkbox"/> Paper</div></div><div>c. <input type="checkbox"/> Statements verifying identity of above copies</div></div></td></tr></table>			<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></div> <div>2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></div> <div>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>83</u>] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div> <div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>26</u>]</div> <div>5. Oath or Declaration [Total Sheets <u>3</u>]<div>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></div><div>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div> <div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>	<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div> <div>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><div>a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div>b. Specification Sequence Listing on:<div>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div>ii. <input type="checkbox"/> Paper</div></div><div>c. <input type="checkbox"/> Statements verifying identity of above copies</div></div>								
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ACCOMPANYING APPLICATION PARTS <div>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</div> <div>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div> <div>11. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></div> <div>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>13. <input type="checkbox"/> Preliminary Amendment</div> <div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div> <div>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</div> <div>17. <input type="checkbox"/> Other:</div>												
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <div style="display: flex; justify-content: space-between; align-items: flex-start;"><div><input type="checkbox"/> Continuation</div><div><input type="checkbox"/> Divisional</div><div><input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No.:</div></div> <div><small>Prior application information: Examiner _____ Art Unit: _____</small></div> <div>For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</div>												
19. CORRESPONDENCE ADDRESS												
<div><input checked="" type="checkbox"/> Customer Number: 27927 OR <input type="checkbox"/> Correspondence address below</div> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2" style="padding: 2px;">Name</td></tr><tr><td colspan="2" style="padding: 2px;">Address</td></tr><tr><td style="padding: 2px;">City</td><td style="padding: 2px;">State</td></tr><tr><td style="padding: 2px;">Country</td><td style="padding: 2px;">Zip Code</td></tr><tr><td style="padding: 2px;">Telephone</td><td style="padding: 2px;">Fax</td></tr></table>			Name		Address		City	State	Country	Zip Code	Telephone	Fax
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2003</h2> <p style="margin: 0; font-size: small;">Effective 01/01/2003. Patent fees are subject to annual revision.</p>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Filing Date September 23, 2003	
		First Named Inventor Sachin Mullick	
		Examiner Name	
		Art Unit	
TOTAL AMOUNT OF PAYMENT (\$)		2368.00	
		Attorney Docket No. 10830.0100.NPUS00	

<h3 style="text-align: center;">METHOD OF PAYMENT (check all that apply)</h3> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None </p> <p><input checked="" type="checkbox"/> Deposit Account:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">Deposit Account Number</td> <td style="width: 50%;">05-0889/EMC-03-062</td> </tr> <tr> <td>Deposit Account Name</td> <td>EMC CORPORATION</td> </tr> </table> <p>The Director is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments </p> <p> <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application </p> <p> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. </p> <h3 style="text-align: center;">FEE CALCULATION</h3> <h4>1. BASIC FILING FEE</h4> <table style="width: 100%;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001 750</td> <td>2001 375</td> <td>Utility filing fee</td> <td>750.00</td> </tr> <tr> <td>1002 330</td> <td>2002 165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003 520</td> <td>2003 260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004 750</td> <td>2004 375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005 160</td> <td>2005 80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$ 750.00)</td> </tr> </tbody> </table> <h4>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <table style="width: 100%;"> <tr> <td>Total Claims</td> <td>61</td> <td>-20** =</td> <td>41</td> <td>x</td> <td>18.00</td> <td>=</td> <td>738.00</td> </tr> <tr> <td>Independent Claims</td> <td>13</td> <td>-3** =</td> <td>10</td> <td>x</td> <td>84.00</td> <td>=</td> <td>840.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <table style="width: 100%;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$ 1578.00)</td> </tr> </tbody> </table> <p style="font-size: small;">**or number previously paid, if greater; For Reissues, see above</p>	Deposit Account Number	05-0889/EMC-03-062	Deposit Account Name	EMC CORPORATION	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1001 750	2001 375	Utility filing fee	750.00	1002 330	2002 165	Design filing fee		1003 520	2003 260	Plant filing fee		1004 750	2004 375	Reissue filing fee		1005 160	2005 80	Provisional filing fee		SUBTOTAL (1)			(\$ 750.00)	Total Claims	61	-20** =	41	x	18.00	=	738.00	Independent Claims	13	-3** =	10	x	84.00	=	840.00	Multiple Dependent								Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1202 18	2202 9	Claims in excess of 20		1201 84	2201 42	Independent claims in excess of 3		1203 280	2203 140	Multiple dependent claim, if not paid		1204 84	2204 42	** Reissue independent claims over original patent		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)			(\$ 1578.00)	<h3 style="text-align: center;">FEE CALCULATION (continued)</h3> <h4>3. 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1051 130	2051 65	Surcharge - late filing fee or oath																																																																																																																																																																																																																			
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																			
1053 130	1053 130	Non-English specification																																																																																																																																																																																																																			
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																			
1251 110	2251 55	Extension for reply within first month																																																																																																																																																																																																																			
1252 410	2252 205	Extension for reply within second month																																																																																																																																																																																																																			
1253 930	2253 465	Extension for reply within third month																																																																																																																																																																																																																			
1254 1,450	2254 725	Extension for reply within fourth month																																																																																																																																																																																																																			
1255 1,970	2255 985	Extension for reply within fifth month																																																																																																																																																																																																																			
1401 320	2401 160	Notice of Appeal																																																																																																																																																																																																																			
1402 320	2402 160	Filing a brief in support of an appeal																																																																																																																																																																																																																			
1403 280	2403 140	Request for oral hearing																																																																																																																																																																																																																			
1451 1,510	1451 1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																			
1452 110	2452 55	Petition to revive - unavoidable																																																																																																																																																																																																																			
1453 1,300	2453 650	Petition to revive - unintentional																																																																																																																																																																																																																			
1501 1,300	2501 650	Utility issue fee (or reissue)																																																																																																																																																																																																																			
1502 470	2502 235	Design issue fee																																																																																																																																																																																																																			
1503 630	2503 315	Plant issue fee																																																																																																																																																																																																																			
1460 130	1460 130	Petitions to the Commissioner																																																																																																																																																																																																																			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																			
1806 180	1806 180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																																																		
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																			
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																			
1801 750	2801 375	Request for Continued Examination (RCE)																																																																																																																																																																																																																			
1802 900	1802 900	Request for expedited examination of a design application																																																																																																																																																																																																																			
Other fee (specify)																																																																																																																																																																																																																					
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SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Richard C. Auchterlonie	Registration No. (Attorney/Agent)	30,607
Signature		Telephone	713.787.1698
		Date	September 23, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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